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1. Document ID: US 20040086880 A1

L4: Entry 1 of 6

File: PGPB

May 6, 2004

PGPUB-DOCUMENT-NUMBER: 20040086880

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040086880 A1

TITLE: Method of producing nucleic acid molecules with reduced secondary structure

PUBLICATION-DATE: May 6, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Sampson, Jeffrey R.	San Francisco	CA	US
Ach, Robert A.	San Francisco	CA	US
Wolber, Paul	Los Altos	CA	US

US-CL-CURRENT: 435/6; 514/44, 536/23.1

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KINIC](#) [Drawn D](#)

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2. Document ID: US 20020197618 A1

L4: Entry 2 of 6

File: PGPB

Dec 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020197618

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020197618 A1

TITLE: Synthesis and amplification of unstructured nucleic acids for rapid sequencing

PUBLICATION-DATE: December 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Sampson, Jeffrey R.	Burlingame	CA	US

US-CL-CURRENT: 435/6; 435/287.2

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KINIC](#) [Drawn D](#)

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**3. Document ID: US 5925518 A**

L4: Entry 3 of 6

File: USPT

Jul 20, 1999

US-PAT-NO: 5925518

DOCUMENT-IDENTIFIER: US 5925518 A

TITLE: Nucleic acid primers for amplification of a mycobacteria RNA template

DATE-ISSUED: July 20, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Earle; Steven R.	Durham	NC		
Jacobson; Walter E.	Raleigh	NC		

US-CL-CURRENT: 435/6; 435/91.2, 536/24.3, 536/24.32

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[Full] [Title] [Citation] [Front] [Review] [Classification] [Date] [Reference] [Claims] [KWMC] [Drawn D]

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**4. Document ID: US 5665545 A**

L4: Entry 4 of 6

File: USPT

Sep 9, 1997

US-PAT-NO: 5665545

DOCUMENT-IDENTIFIER: US 5665545 A

TITLE: Terminal repeat amplification method

DATE-ISSUED: September 9, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Malek; Lawrence	Brampton			CA
Sooknanan; Roy	Toronto			CA

US-CL-CURRENT: 435/6; 435/91.2, 435/91.21, 435/91.5, 435/91.51, 435/91.52,  
435/91.53

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[Full] [Title] [Citation] [Front] [Review] [Classification] [Date] [Reference] [Claims] [KWMC] [Drawn D]

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**5. Document ID: US 5654142 A**

L4: Entry 5 of 6

File: USPT

Aug 5, 1997

US-PAT-NO: 5654142

DOCUMENT-IDENTIFIER: US 5654142 A

\*\* See image for Certificate of Correction \*\*

TITLE: Method for nucleic acid amplification using inosine triphosphates to partially replace guanosine triphosphates in the synthesis of multiple RNA copies

DATE-ISSUED: August 5, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kievits; Tim	Vught			NL
Lens; Peter Franklin	Den Bosch			NL
Adriaanse; Henriette Maria Aleida	Boxmeer			NL

US-CL-CURRENT: 435/6; 435/91.2, 435/91.21

Full  Title  Citation  Front  Review  Classification  Date  Reference      Claims  KOMC  Drawn De

6. Document ID: EP 1103624 A1

L4: Entry 6 of 6

File: EPAB

May 30, 2001

PUB-NO: EP001103624A1

DOCUMENT-IDENTIFIER: EP 1103624 A1

TITLE: POTENTIATED NUCLEIC ACID AMPLIFICATION METHOD

PUBN-DATE: May 30, 2001

INVENTOR-INFORMATION:

NAME	COUNTRY
ISHIZUKA, TETSUYA	JP
ISHIGURO, TAKAHIKO	JP
SAITOH, JUICHI	JP
SAKAI, TOMOMI	JP

ASSIGNEE-INFORMATION:

NAME	COUNTRY
TOSOH CORP	JP

APPL-NO: EP00931703

APPL-DATE: June 5, 2000

PRIORITY-DATA: JP15765399A (June 4, 1999)

INT-CL (IPC): C12 Q 1/68; C12 N 15/09; G01 N 33/542; G01 N 33/566

EUR-CL (EPC): C12Q001/68 ; C12Q001/68

ABSTRACT:

CHG DATE=20010704 STATUS=O> A method of amplifying a specific nucleic acid for assay of the specific nucleic acid anticipated in a sample by an RNA amplification procedure which comprises forming a double-stranded DNA which contains sequences complementary and homologous to the specific RNA sequence and has a promoter sequence enabling transcription of the sequence by using the target RNA as the template and forming by using an RNA polymerase an RNA transcript which acts as the

template for formation of a new single-stranded DNA, wherein in the RNA amplification procedure, inosine triphosphate is added in addition to adenosine triphosphate, uridine triphosphate, cytidine triphosphate and guanosine triphosphate to improve the efficiency of the amplification reaction.

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